Figure 1: Set-up used to follow the LAMP reaction

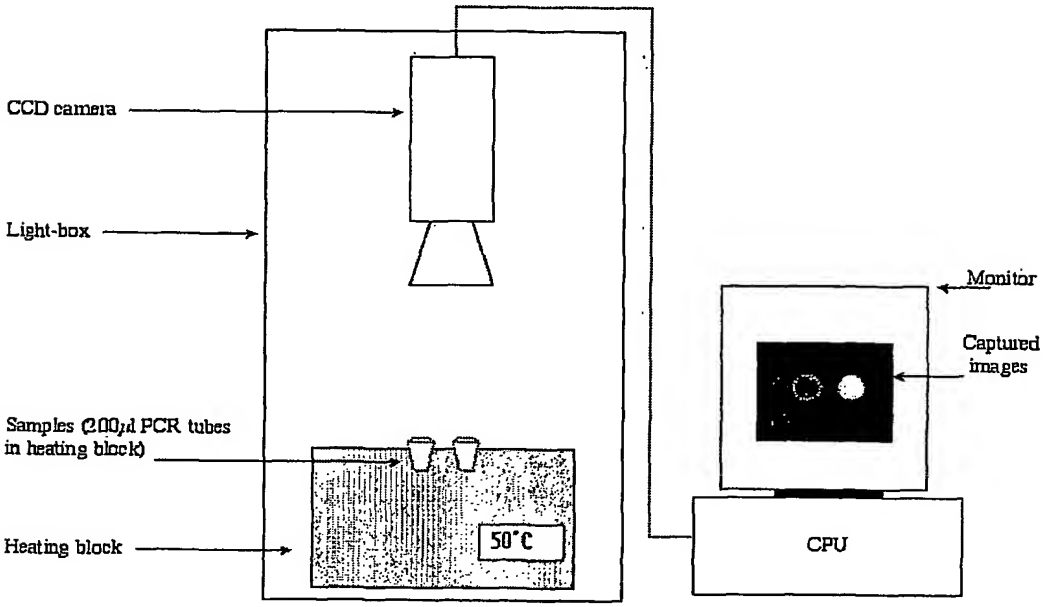

Figure 2: Output from LAMP in the presence of target DNA and in a control without Bst DNA Polymerase

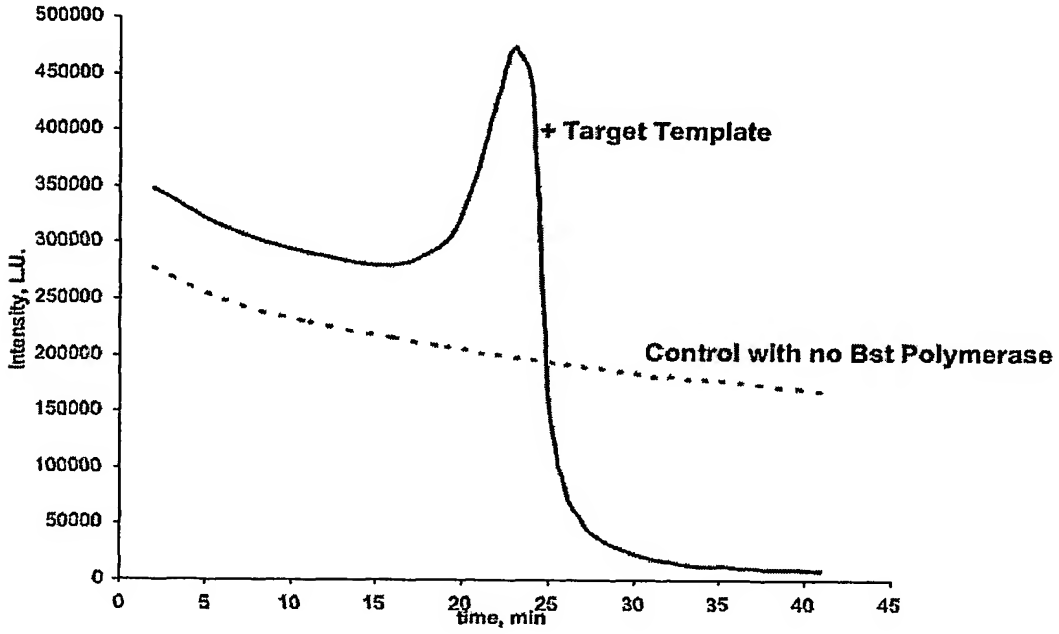

Figure 3: Duplicate LAMP samples and duplicate controls

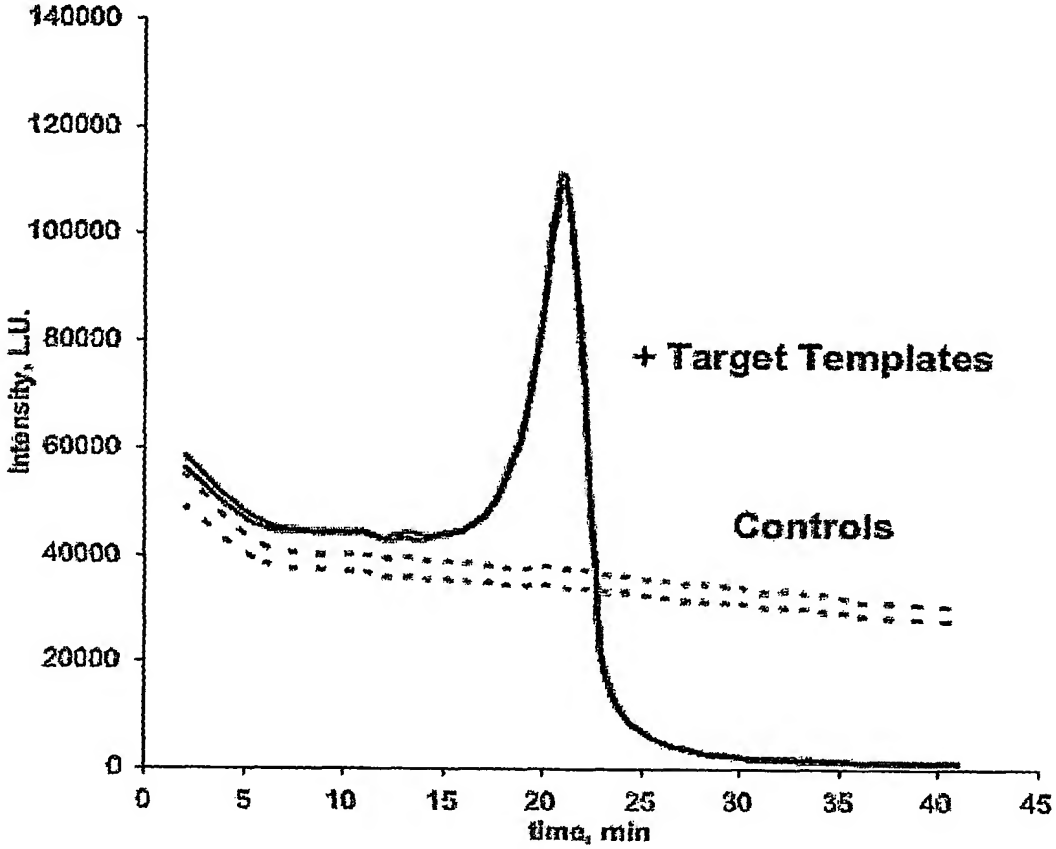

Figure 4: Samples prepared as in Figure 2 & 3 but showing differences in absolute light intensity

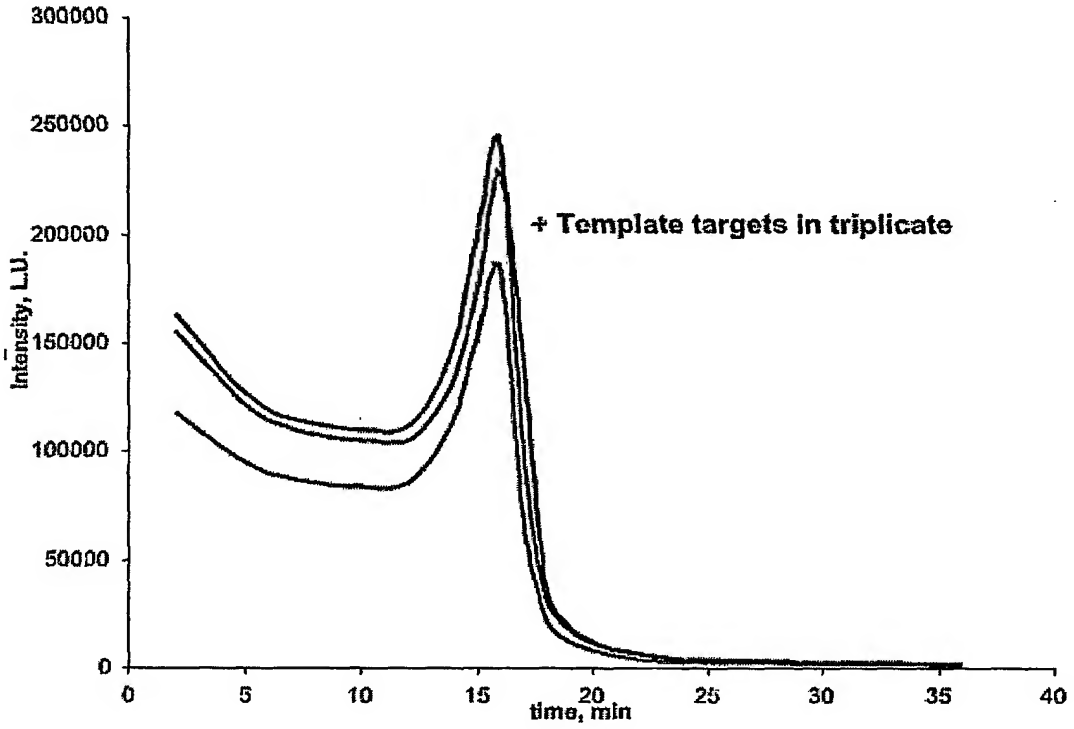

Figure 5: *Light emission profiles for LAMP using different amounts of target template (duplicates) at 55°C*

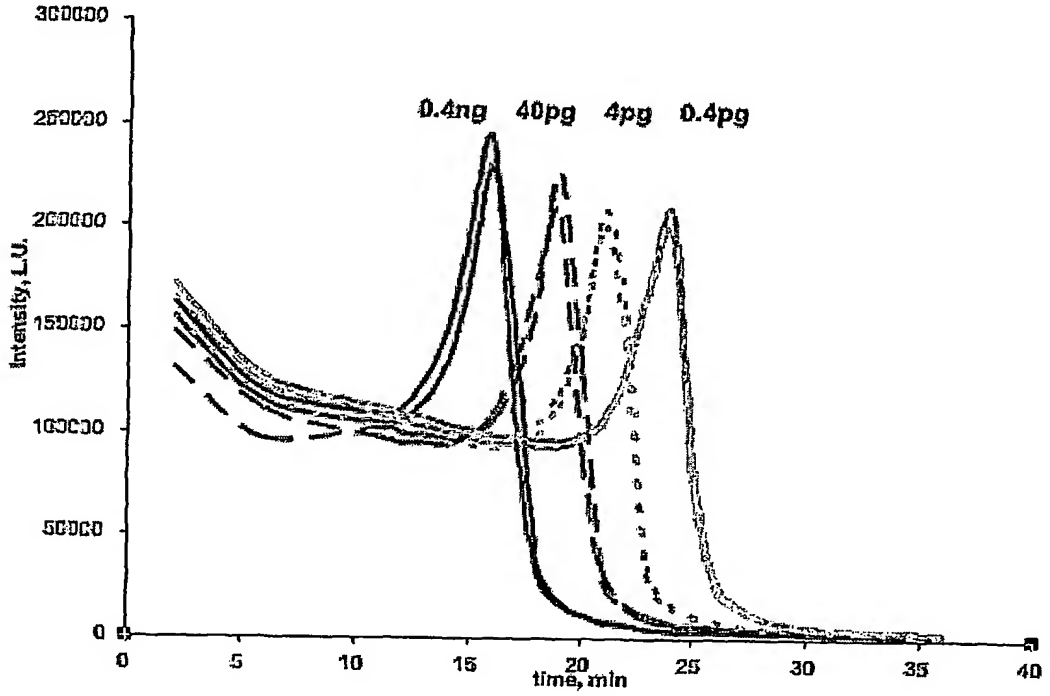

Figure 6: Time to peak light emission

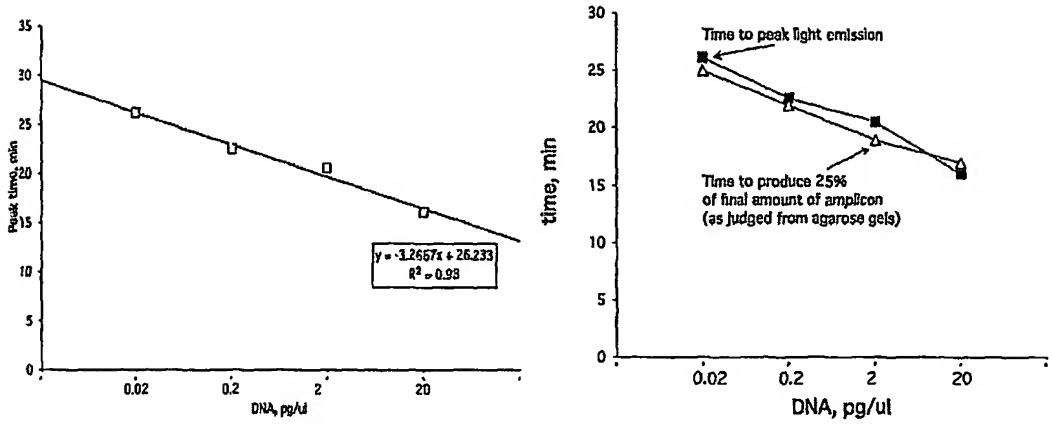

Figure 7: Plot of the raw output from a LAMP reaction in triplicate

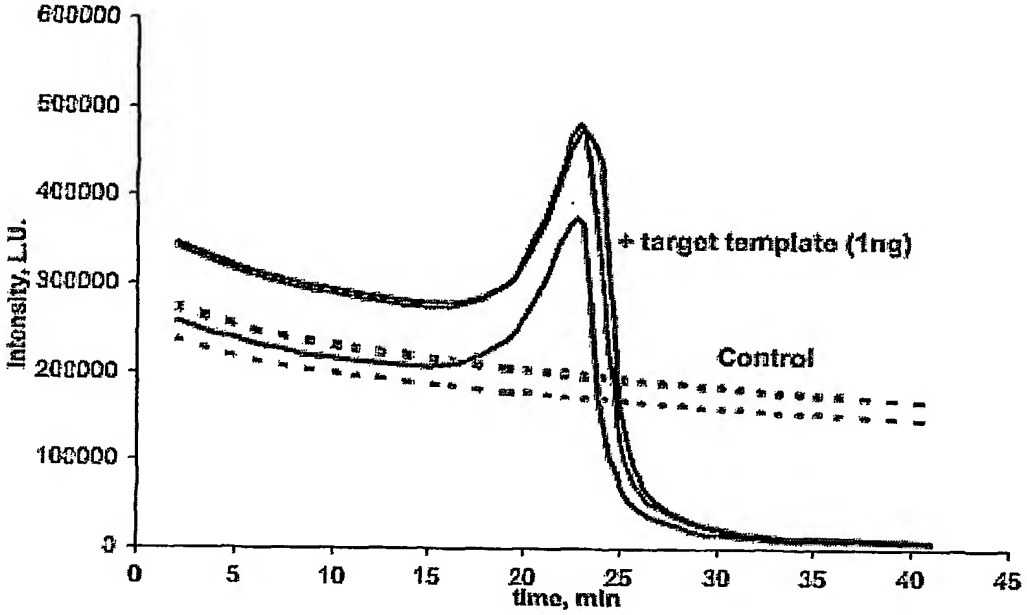

Figure 8: Plots of the 1st derivative of the curves shown in Figure 7

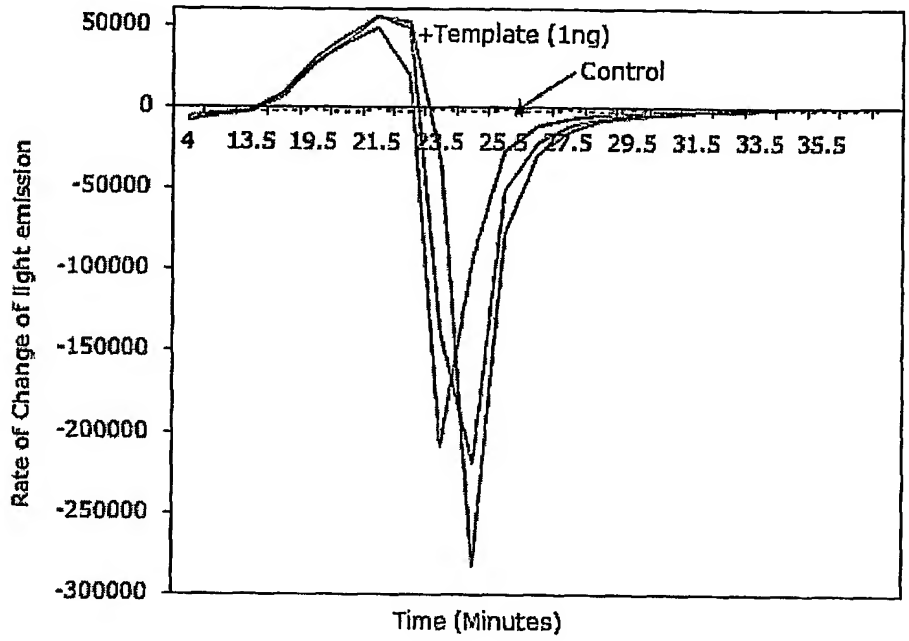

Figure 9: Comparison of controls to samples

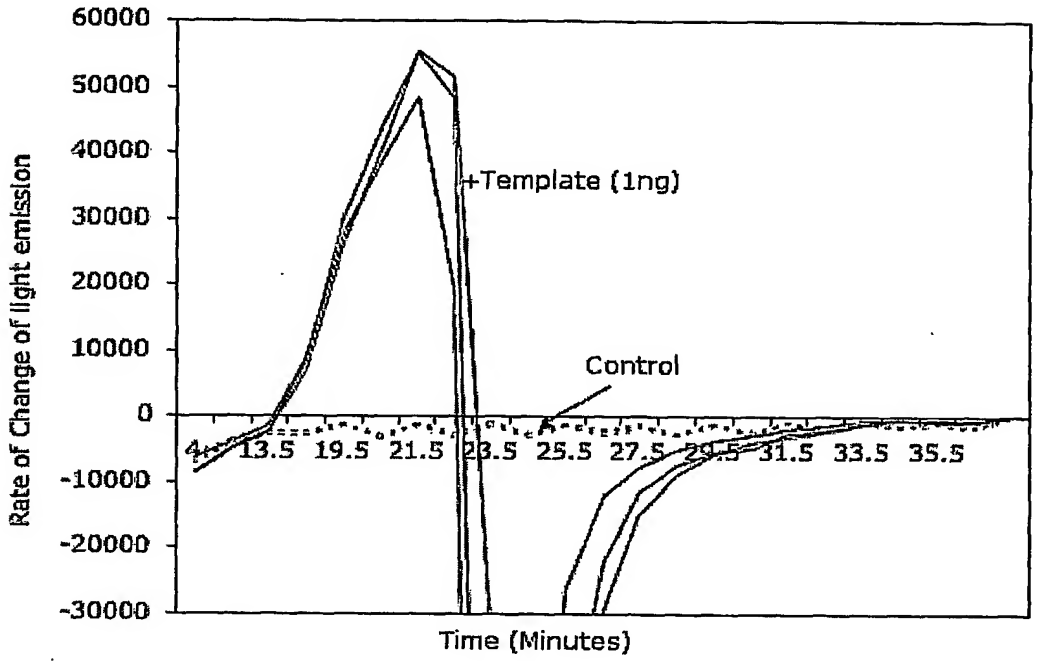

Figure 10: A LAMP reaction where the temperature is decreased from 55°C to 50°C after 10 minutes

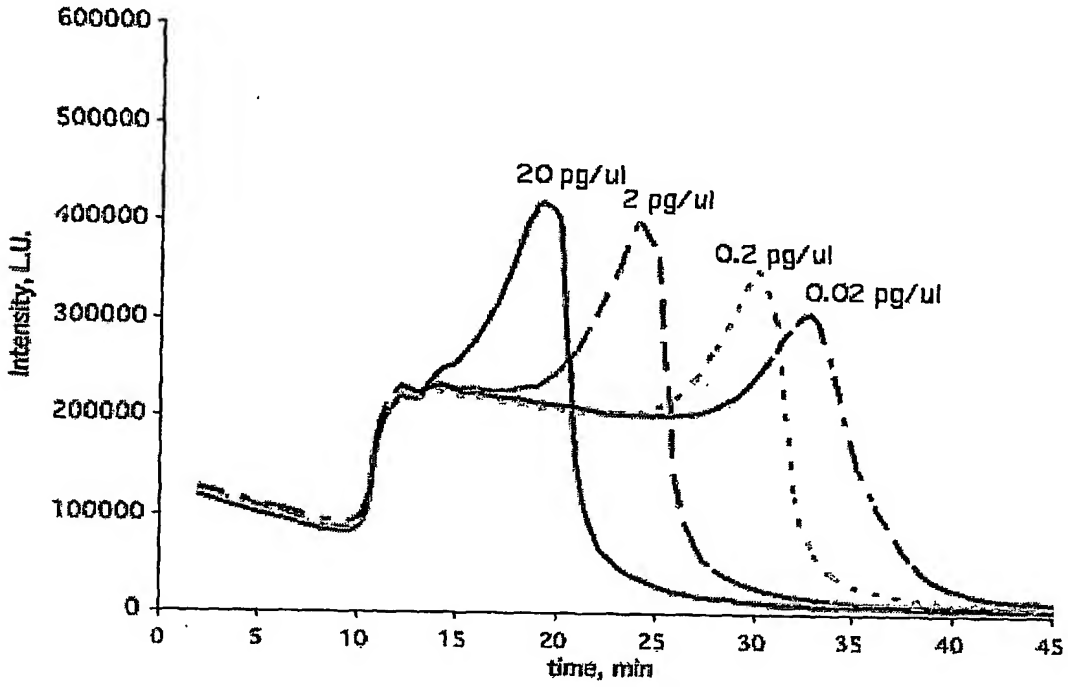

Figure 11: Plot of the light intensity against time for ATP Sulphurylase-free LAMP, with different amounts of starting template

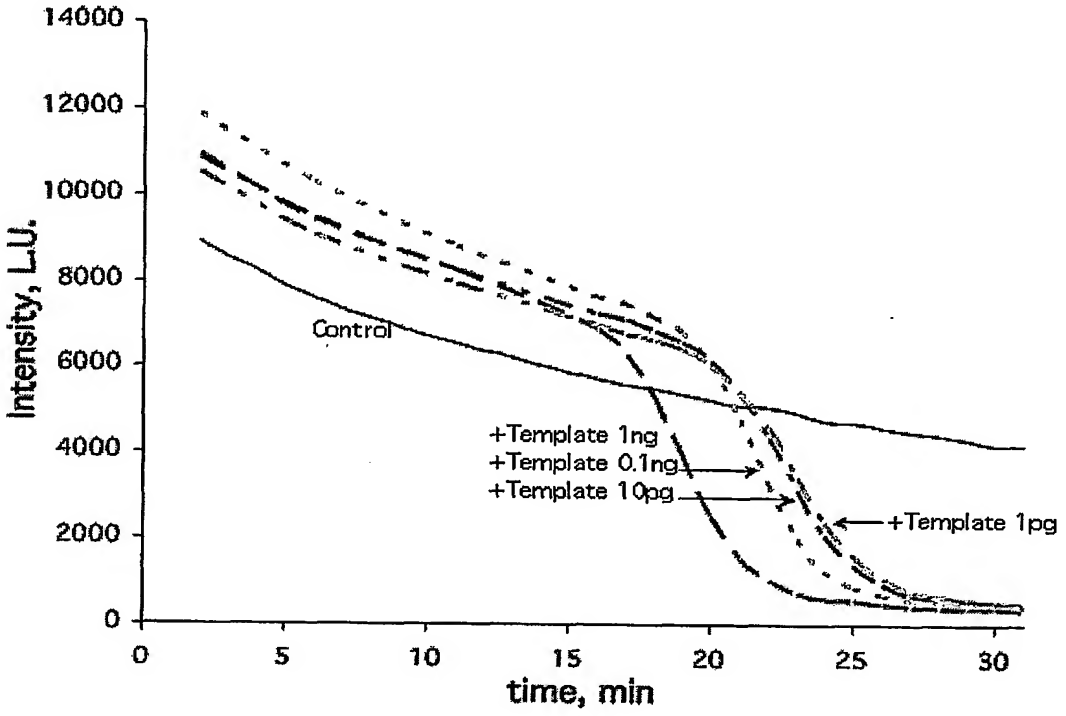

Figure 12: Differential plot (control subtracted) of the normalized light-outputs for the ATP Sulphurylase-free LAMP reactions of samples containing different amounts of target template